 ATTACHMENT #1

10 February 1969

MEMORANDUM FOR THE RECORD

SUBJECT: [redacted]

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1. An inspection of the above facility was conducted on 4-5 February 1969 by the Far East Engineer. The facility appears to be approximately 95% completed and it is estimated that it should be completed by 30 March 1969. The contract was awarded on 9 November 1967 and was scheduled for completion on 20 February 1968.

2. One of the causes of the delay was an inaccurate survey of the area where the [redacted] were to be built. The plans or specifications did not indicate that there would be any rock encountered, and therefore no blasting was provided for. When a large quantity of rock was encountered, it was agreed by the Contracting Officer that the government would blast the rock and it would be the contractor's responsibility for the rock removal. This has resulted in the job being dragged out.

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3. According to the OICC $119,000 was transfered for the work and $118,977 has thus far been expended. The contract contained a liquidated damages clause, but this has been unofficially waived (by the OICC) as the OICC feels most of the delay was caused by the Government (lack of details on plans). There has not been any change orders and only three amendments which did not result in a change of scope or cost.

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[redacted]

The 1000 watt Quartz Iodide Flood lights have been replaced by 100 watt incandescent fixtures which are entirely inadequate (see attached cost estimate for price of fixtures).

note

5. There appears to be a deficiency in the drainage system in that the open ditches should be rip-rapped and inlet grills installed to prevent the drainage system from clogging up (see attached cost estimate).

6. If money can be made available it is recommended that the recommendations in paragraphs 4 and 5 above be made a change order to the contract.

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ESTIMATED COST TO COMPLETE

Rip-Rap Bottom of ditches and inlet grills: assume bottom width = .75M
1263M X 0.75M wide = 947SM
Cost: 947 SM X $3.00 + $500 = $3341

Quartz Iodine Floodlights, 1000W., 220V (From USA)

21 fixtures = 21 X $55	=	$1155
21 lamps - 21 X $13	=	$ 273
Freight	=	$ 143

Transformer - 50KVA, Single Ph., 3,500V - 240/480

Cost (1 ea) = from USA	=	$ 561
Freight	=	56
		$5529
20% (profit, ovhd. taxes)	=	553
		$6082
25% Contingency		1521
Total Cost	US	$7603
6% (OICC)		456
Total		$8159 (US Dollars)

SECTION A - LIST OF GOVERNMENT - FURNISHED MATERIALS (GF

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NOTE 1: [redacted]

materials will be furnished by the Government. Upon availability of the material, the Contractor will be notified by the Supplying Agency and instructed about time and place of turn-over. Receipt of the material by the Contractor will preclude responsibility for the materials by the Supplying Agency. The Contractor shall as certain full serviceability of the material at the time of turn -over. Handling of the material shall be in accordance with manufacturers instructions.

Installation shall be in strict accordance with the Drawings, Specifications, Manufacturers instructions, terms and conditions of the Contract. All additional materials necessary for a complete and workable installation shall be furnished by the Contractor.

SPEC. ITEM:	QUANT.:	DESCRIPTION:
1	21 EA	1000w. QUARTZ IODINE FLOOD LIGHTS - 220V.
2	1 EA	TRANSFORMER - 50 KVA., 1Ø, 60 CPS., 3,500V. - 240/480V TYPE OISC.
3	1 EA	AC MAGNETIC CONTACTOR - 2 POLE, 60A, 480V. IN NEMA 3R ENCLOSURE
4	1 EA	SAFETY SWITCH - 3 POLE, 100A 480V. IN NEMA 3R ENCLOSURE
5	3 EA	SAFETY SWITCH - 3 POLE, 30A 240V, IN NEMA 3R ENCLOSURE
6	1 EA	SELECTOR SWITCH (w/ HAND-OFF AUTO) IN NEMA 3R ENCLOSURE
7	1,000 LF	WIRE, COPPER - w.P.- SINGLE CONDUCTOR #2 AWG.

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[redacted]

SPEC. ITEM:	QUANT:	DESCRIPTION:
8	400 LM	WIRE, COPPER-W.P.-SINGLE CONDUCTOR #12 AWG.
9	250 LM	WIRE, COPPER - INSULATED, TYPE USE, STYLE RR, 600 V, 1-3 CONDUCTOR #2 AWG.
10	200 LM	WIRE, COPPER - INSULATED, TYPE T H W - SINGLE CONDUCTOR #2 AWG.
11	900 LM	WIRE, COPPER - INSULATED, TYPE T W - SINGLE CONDUCTOR #8 AWG.
12	900 LM	WIRE, COPPER - BARE, SOFT DRAWN, STRANDED, SINGLE CONDUCTOR #2/0 AWG.
13	29 EA	GROUND ROD, COPPER CLAD - 3/4 INCH DIA. x 10 FEET LONG
14	350 LM	WIRE-BARE-ALL ALUMINUM CONDUCTOR #2 AWG.

- End of Section -

- END OF DIVISION -

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[redacted]